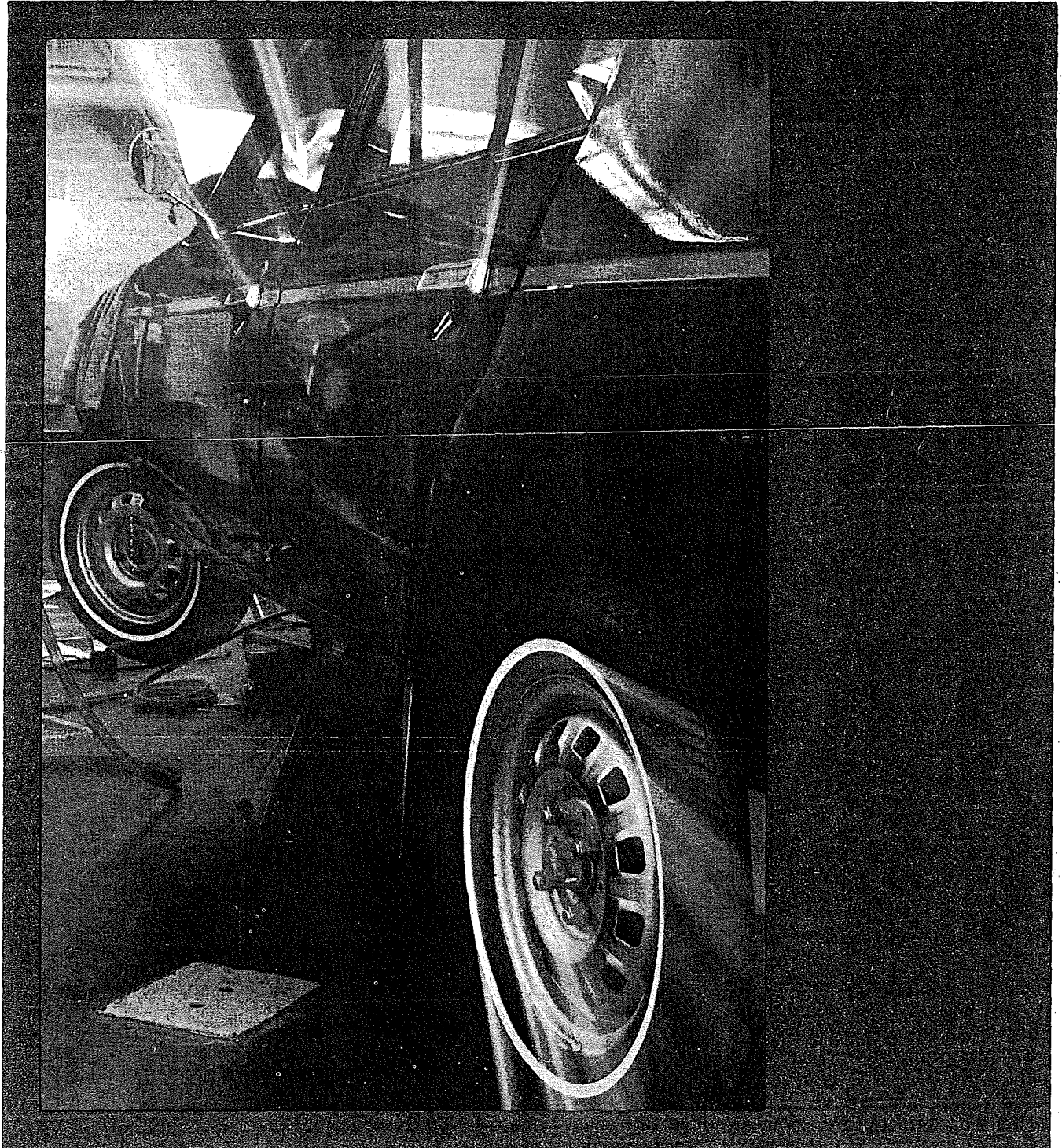


Stout / ALUMNUS

UNIVERSITY OF WISCONSIN - STOUT - MENOMONIE, WISCONSIN 54751

FALL •

1979



The Car of the Future

Car May Help Ease Fuel Crunch

What may be a major step in solving the energy crisis is taking place on the Stout campus. A team of students and faculty is developing a petroleum-free, non-polluting, energy efficient car that could eventually get 100 miles to the gallon.

But the most spectacular aspect of the car is the fact that it draws on existing technology, meaning it can be built with parts that are commercially available today.

"Everything on the car is commercially available right now," said Ed Morical, associate professor of energy and transportation.

The vehicle uses a modified body from a Dodge Omni and a 16-horsepower Tecumseh engine. It is powered by hydrogen, an unlimited source of fuel that is obtained from water by electrolysis. In essence, that involves using electricity to split oxygen and hydrogen.

Hydrogen has been used for years as a source of fuel, but was generally considered unsafe. "The real innovation here is that hydrogen will not be stored in a conventional manner," said James Collier, profes-

Though commercially manufactured hydrogen will be used in initial development of the car, the team eventually hopes to produce fuel from a wind-powered generator, perhaps making the world's first "free" form of transportation. "As long as there is air and water, there will be hydrogen because what comes out of the tail pipe is more water," Morical said. "The only impurities in the exhaust are the same impurities that are in the air around the car."

The official name of the vehicle is the Stout Hydro-Hydra I. It was originally developed during a year-long project for an American and Canadian energy competition in Detroit. The contest is known as SCORE (Student Competition On Relative Engineering). Two years ago in that same competition, Stout's team produced the wind-powered generator that captured third place in its own division.

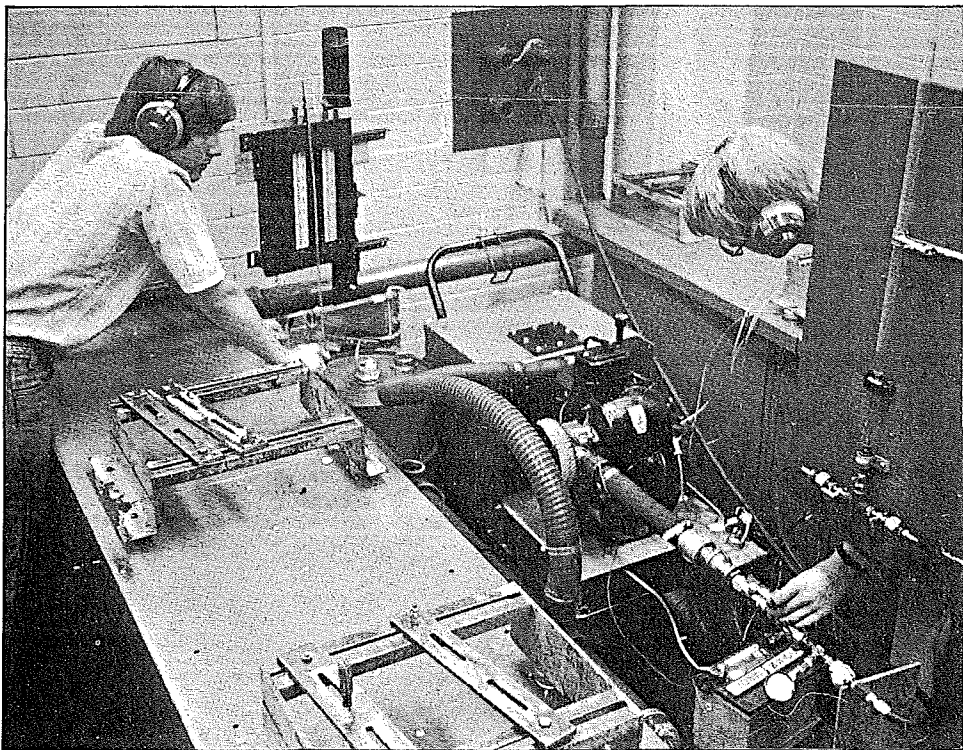
At this writing the car was still being tested, with the possibility of substituting the engine and fuel source. But the commitment to develop a hydrogen powered car goes beyond the competition. "Regard-

less of what happens at the competition, it will eventually be a hydrogen car for sure," said Todd Larson, a senior from White Bear Lake, Minn., who is serving as design coordinator. "There is more to this car than just the competition."

Other major universities have experimented with various technical elements of the car, but none has progressed as far as the Stout team. Some Detroit engineers privately admit that what was done here in a year could take industry up to five years to complete at a cost of millions of dollars. About \$30,000 is budgeted for the Stout project, including donations from more than 50 manufacturers. Chrysler is providing the body, which has been extensively modified to make the best use of aerodynamics and to cut fuel consumption.

In addition to the use of hydrogen, the real fuel saving comes from the fluid power system that

drives the car. The sixteen horsepower engine is sufficient to maintain cruising speed, but, as the case with conventional vehicles, it is too small for acceleration. In other words, getting the car up to speed is the main reason for large, energy wasting engines in vehicles manufactured today. Much of the energy produced by conventional engines is lost in braking and idling. Using a "hydrostatic" transmission, the Stout car can "store" energy produced by the engine when it is not needed. Basically, this involves using pumps



lab tests

sor of energy and transportation. "We'll be using hydrides, which act like a sponge to absorb hydrogen." Hydrides are metal granules which will be stored by six inch aluminum tubes in the fuel tank. The metal will actually absorb the hydrogen, which will be released in small quantities. "It's considerably safer than gasoline," said Collier. Morical added that even if the tank is ruptured, it would result in only a small fire at worst, rather than an explosion which often occurs when gasoline tanks are damaged in accidents.

to hold excess energy in the form of fluid power. So instead of losing power during braking, idling and cruising, the car retains excess energy for accelerating.

Several other vehicles have been built with this system, but because of the complex control requirements, two drivers were needed to operate the cars. The Stout team solved that problem by incorporating a "microprocessor" or mini-computer in the car. The computer makes judgments on when power is needed and regulates the engine and pumps, as well as performing other complex functions that keep the car operating at maximum efficiency.

"The computer will have quite a few functions," Morical said. "We have used hydraulic pumps to drive other things but no one has ever tried attempting them for electronic controls in a vehicle. Without the computer, the driver could not trigger all these controls and still keep his hands on the wheel."

A few years ago, a computer such as this would be as large as an office desk, but recent technology has shrunk the size to that of a portable cassette tape recorder.

Besides its source of power, the vehicle has other ways of ignoring the petroleum industry. "All of the lubricants — the oil, the grease, and everything in the vehicle — are made out of soybeans, flax, wheat, corn and other natural products," said Morical. "One of the ideas was there should be no dependency on petroleum products." The synthetic lubricants were donated by a commercial manufacturer who is already producing these products for public consumption.

About 30 people are involved in the project. Some of the students are doing it for credit, while others are working out of a personal commitment to see the car developed. Two physics professors, Jim Pejsa and Mark Larchez are also donating their time to help program the computer.

Team members concentrate on various aspects of the car's development, including engine, fuel storage, transmission, body design and interior.

"Some of us are working for the fun of it," said Steve Mann, a graduate student from St. Paul, who is the team captain. That may be an overstatement considering the grueling hours that many team members are putting in. Twelve-hour days are not unusual and some team members have been known to work around the clock. "My personal life has gone down the drain," Larson said. "But, we are going to get this done."

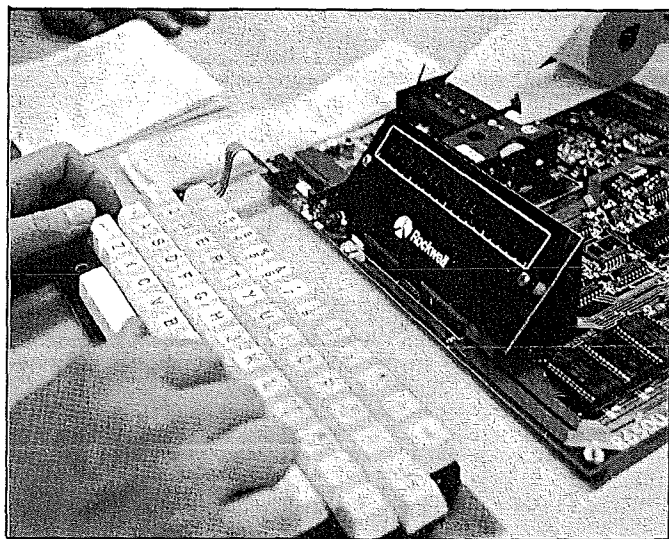
The project has not been carried out without problems. One obstacle has been finding parts and obtaining donations. Mann has spent countless hours on the phone working with industry. "Chrysler thinks we are crazy and so does GM," said Mann. But in reality, industry is keeping an eye on the car, with more than a casual interest. It is difficult to ignore the obvious public relations value of Stout outdistancing other bigger schools in such development.

Another problem that had to be solved was the size and weight of the fuel tank. Extensive interior modifications were required to accommodate the tank. But unlike other experimental vehicles, weight is not a serious inhibitor because of the efficiency that the fluid power system brings. "I've seen other universities with experimental cars that go for the lightest

weight possible," said Mann. "They are lucky if they get these cars around the test track. The car we are developing is a very solid car, the kind you can take out on the road."

How soon a vehicle such as this will be appearing in your neighborhood car dealer's showroom is anybody's guess. It could take years for industry to gear up for production, but with the current petroleum shortage, there may be no other choice. The team hopes the project will continue, along with other innovations such as recirculating exhaust and possibly a city bus, using a fluid power system that could produce up to 20 miles per gallon for vehicles that now burn a gallon of gas every minute they operate.

Despite tremendous odds against them, members of the team have carried an almost quixotic faith that the project will succeed. "Everyone said that you could shoot a guy to the moon but they can't make a car that is efficient and doesn't destroy the environment," said Larson. "This is the perfect answer."



mini computer

Special Class

Hypnotism is Serious Subject

You might say that Gust Jenson, a Stout psychology professor, has his students in a trance. Jenson teaches a class on hypnotism in which his students learn by practicing on each other.

A licensed psychologist, Jenson takes a serious approach to the subject, which often has casual treatment ranging from nightclub acts to folklore. Students enrolled in the course have professional backgrounds in "human services" fields such as medicine, counseling and psychology.

"Hypnosis is, perhaps, one of the most widely misunderstood techniques employed by psychologists, psychotherapists, counselors and physicians," Jenson said. "This misunderstanding stems almost entirely from misinformation which is commonly spread through newspapers, magazines, books, television and word of mouth." For example, many people believe that individuals in a hypnotic trance can be forced to do something against their will. Not so, according to Jenson. "It's not what the movies say," he said. "There has never been a documented case of an individual being forced to do something against his will (while under hypnosis). The dangers are tremendously overrated."

Jenson sees a wide application for hypnosis in "human services" fields, ranging from helping people relax in the dentist chair to aiding individuals who want to quit smoking. "Actually, hypnosis is not difficult for anybody to learn to do," he said. "The average person is in what we call the hypnotic trance several times within a given week." People who are deep in thought or absorbed in a particular task may be in a mild hypnotic trance.

Jenson teaches his students some basic techniques in relaxation and concentration, but hypnosis can best be learned by practice. "I think this is an example of a philosophy we have at Stout for learning by doing," he said. "This is not something you can learn from a textbook. This is something that you basically learn by doing."

Students in the class are divided into small groups where they use a variety of "hypnotic induction techniques" that are practiced on each other.

Jenson emphasizes that hypnosis is a "tool" for professionals, and he discourages its use for frivolous purposes such as entertainment. "The United States is one of the few countries in the Western World that really allows it to be put on stage," he said.



Jenson and hypnotism class

Vocational Rehabilitation Handicapped and Sexuality Studied

Human sexuality is a subject often overlooked or entirely ignored when dealing with handicapped people; yet, it can be a key factor in any rehabilitation program. That's what students majoring in vocational rehabilitation at Stout are learning through a special course offered by the Stout Vocational Rehabilitation Institute.

Sue Schmitt, who teaches the course, explained that until recently sex was almost a taboo subject for rehabilitation. "There has always been a taboo on sexuality, no matter who it was for," she said. "In addition, there has been the stereotype that disabled people were either asexual, or were oversexed. There was never anything that said a disabled person is still a person with the same needs and desires of other people."

She pointed out that while a prime objective of vocational rehabilitation is to prepare disabled people for jobs, job preparation is not enough. "If you don't feel good about yourself as a person, then you don't do well as far as feeling good about yourself as a worker," she said. "If you are a disabled mother or a disabled breadwinner and have negative feelings about yourself, then you don't feel like you're a worthwhile person so you don't go out and try things."

Titled "Sexual Adjustment of the Handicapped," the course is designed to help future rehabilitation specialists deal with their own feelings and to provide them with factual information that they can pass on to their clients.

"A primary objective of the course is to make people going into rehabilitation comfortable with themselves and their own sexuality," Miss Schmitt said. "The philosophy behind that is if you don't, if you're not comfortable where you're at, what you can deal with, who you can deal with, you're passing on your own biases and stigmas." Miss Schmitt stresses principles of basic mental hygiene in the course. "Once you're comfortable with what you can and can't handle, then you can start dealing with someone else who might have a problem," she stated.

She said the students are taught "permission giving" explaining that this puts disabled clients at ease, enabling them to discuss their feelings frankly. "You can't answer a question if the person feels so uncomfortable that he won't ask it," she said. The next step is being able to give information. "We don't try to teach people to be diagnosticians or sex therapists or practitioners," she said. "We just want them to know where the resources are, and know enough basic background to understand what's going on with the person." Emphasis in the course is placed on helping disabled individuals feel good about themselves as people, Miss Schmitt said. "We're not dealing just with the sex act, we deal with sexuality, which is a whole different thing," she said. "That's feeling good about yourself and having a sexual identity, regardless of whether you can engage in a specific sex act." She said the course includes information on sexual op-

tions available to the disabled. "We bring in materials that give you a range," she said. "Some people will accept them and some won't. You as a counselor have to know that what might be comfortable for you may not be comfortable for someone else. But if you're not accepting the range of possibilities, then you're not allowing the person you're dealing with to work through his own mode of expression." She said the course covers state laws and the views of different religious organizations regarding sex.

To better understand the feelings of individuals with handicaps, resource people with disabilities are brought into the class to present their own viewpoints. "If you don't bring in people who start talking about how they have dealt with their problems, then you're in danger of getting into stereotyping," Miss Schmitt



Schmitt leading discussion

said. "So we bring in a panel of people, some single, some married and we talk about how they feel." She pointed out that disabilities affect the entire family and because of that it is difficult to study from a textbook since family dynamics are very complicated. "The textbook we're currently using is called Human Sexuality," she said. "It's a medical book, so you sit with a medical dictionary in one hand and the book in the other. That makes it very difficult to get the emotional content of it."

Another device used in the class is discussion groups in which students assume different roles, some of handicapped persons and some not. Because of this technique, it is important that the classes be kept small, and thus enrollment is usually limited to 14. "We do a lot of role playing," Miss Schmitt said. "The

continued on page 11

The Library . . .

New Construction

The ink bearing the governor's signature was scarcely dry on the contracts, when bulldozers began rumbling onto campus, signalling the beginning of construction for Stout's new \$5.6 million Library Learning Center. First task at hand was preparing the site, a former parking lot in the center of campus, known to some alumni as the one-time location of Carter's Ice House.

Work was well underway when Learning Resources Dean David Barnard, library director Joe Jax and Chancellor Robert S. Swanson posed for the traditional groundbreaking photo.

The state seems to be getting a bargain on the building, which came in \$1.1 million less than the original budget approved by the State Building Commission. Completion of the five-story, brick structure is expected by fall of 1981. At that time, the present library will be converted into badly needed space for the Stout Vocational Rehabilitation Institute, which is now housed in rented facilities at various locations. Funds for that project have already been approved.

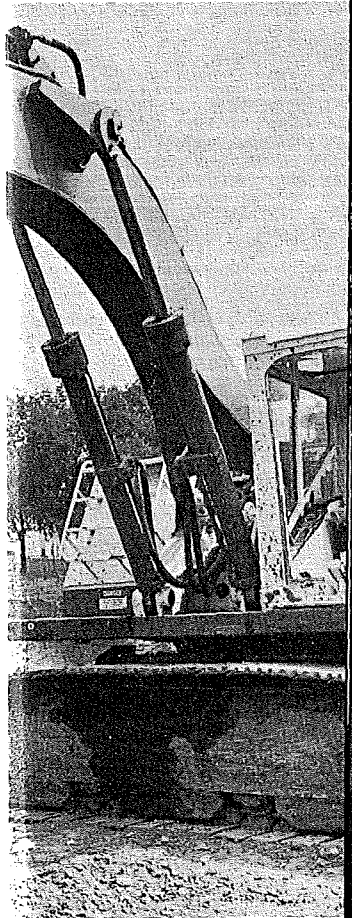
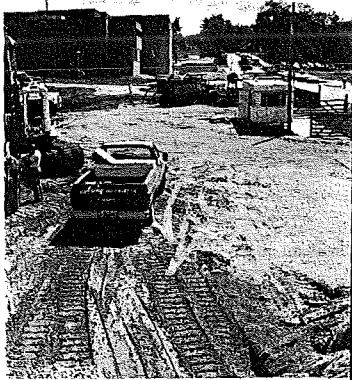
As heavy machinery was tearing up ground in the center of campus, work was also beginning in a block-long area on Sixth Street, where a new parking lot will provide a home for those automobiles displaced by the library construction.



construction site

Barnard, Jax, Swanson

Making Improvements



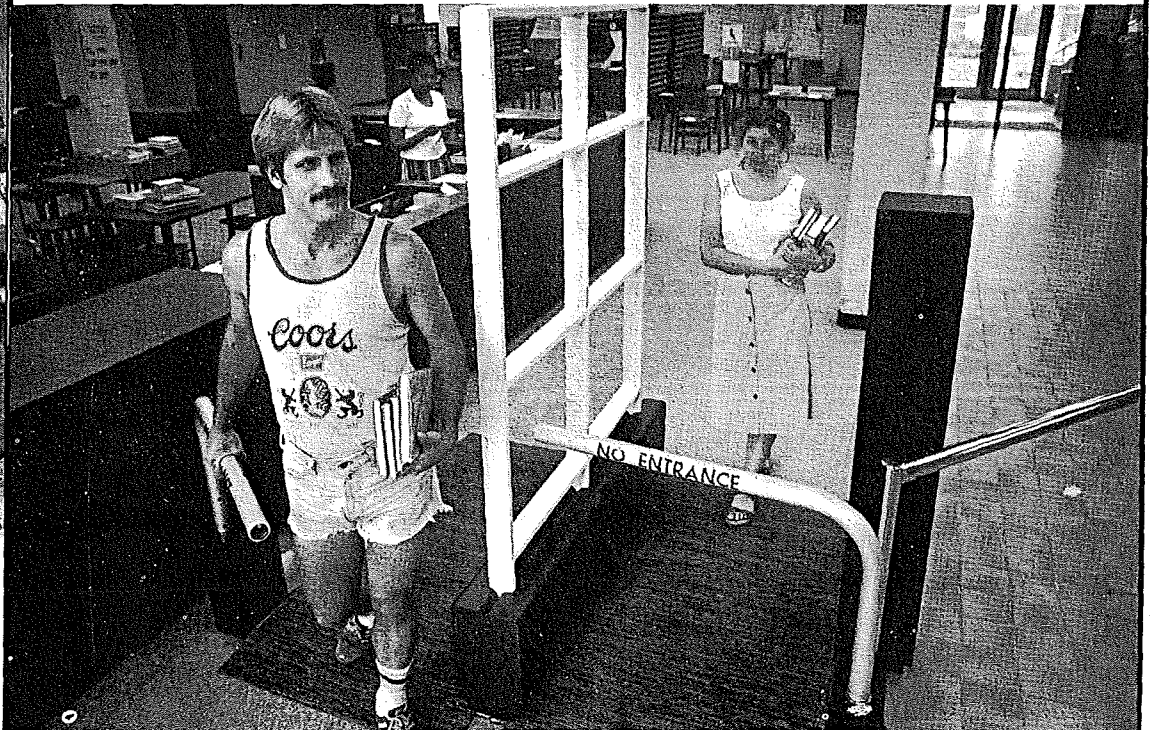
Frustrations students endure in finding library books and periodicals missing have all been eliminated at Stout's Robert L. Pierce Library, thanks to a new security system that was installed recently. Book losses which have ranged from 5 to 30 percent, have been greatly reduced since the system became operational.

Joe Jax, library director, said the system "sensitizes" library materials to activate an electronic detector if patrons attempt to leave with an item that has not been properly checked out. A soft chime sounds and exit gates lock.

"The great percentage of patrons are honest, and would not intentionally take a book or periodical without checking it out," said Jax. "In most cases, it is just a matter of being forgetful." But he added that most material removed by forgetful patrons seldom finds its way back to the library.

"Of course, there are those who will intentionally walk off with popular volumes and resource materials in short supply," said Jax. "This not only creates problems for other students, but strains the library budget as we attempt to replace lost material."

Brooke Anson, coordinator of Public Services at Pierce Library, explained that the system involves inserting in library material markers that emit low frequency signals. At the checkout desk, a special unit deactivates the signal when books or periodicals are processed. The unit also reactivates books when they are returned to the library. "The system does not slow down checkout procedures," Anson said. "It can detect material even if it is placed in brief cases or book bags." Manufacturer of the system is 3M Company Library Systems, St. Paul.



electronic detector

Class Notes

1910 - 1967

FLORENCE E. O'LEARY Dip. '10, BS '25 is retired from Mason City Public School System, Mason City, Iowa.

STANLEY BORM Dip. '18, Downsville, has been instrumental in maintaining the Caddie Woodlawn Park. He is also a local historian, former Dunnville Quarry owner, a retired conservationist with the Soil and Conservation Service and is currently the curator of the Borm Hall "Empire in Pine" Museum in Downsville.

EARLAND E. GRAVES '25 is enjoying retirement after teaching and 39 years with the old Railway Mail Service of the Government P.O.D.

NORMAN A. (TOM) OLSON '29 is involved in volunteer work at Servicemen's Center International Airport in Minneapolis. He also does substitute teaching at Hennepin Vocational Technical - South Campus, Eden Prairie, Minn.

EDWIN SIEFERT '36 retired in May from his faculty position in Stout's Graphic Communication Department. He had been on the staff since 1950.

ROLAND J. HUEBNER '38 is currently retired as director of Specially Funded Program Supply for the Board of Education of the City of New York as well as enjoying retirement as Commander, U.S. Naval Reserve.

CHARLOTTE ROACH DRAKE '40 has taught home economics in the Baraboo school system for 23 years.

VIRGINIA BELL MUNDAY '43 retired December, 1978, after 34 years of working as a laboratory technician at Eli Lilly Co.

SISTER GENEROSE GERVAIS '45 has been elected a trustee of the St. Louis-based Catholic Health Association of the United States. She is currently administrator at St. Mary's Hospital, Rochester, Minn.

ROBERT W. INNIS, MS '48 is currently serving as an associate professor of industrial education and technology in the School of Technology, Bowling Green State University, Bowling Green, Ohio.

HERBERT WATANABE BS '50, MS '58 has been elected the District Governor of District 50, Lions Club International, at the 43rd Annual Convention of the Lions Club of the State of Hawaii held at the Hyatt Kuilima Hotel on Oahu.

JAMES ROKUSEK BS '53, MS '56 a professor and head of the Department of Industrial Education and Industrial Technology at Eastern Michigan University, has been appointed to the State Advisory Council for Vocational Education.

CAROLYN SOLEM ROCK '55 is teaching home economics at Benton Junior and Senior High School.

JACK L. LONGSHORE '58 recently retired as supervisor of vocational education for the Indianapolis Public Schools where he had been teacher and administrator since 1958.

JANN PETERSON BS '58, MS '65 is currently superintendent of schools at Winneconne.

DONALD BILSE '61 was recently named dean of student personnel at Glendale Community College in Arizona.

ANDRIEVS A. JATNIEKS '61 has been promoted by Employers Insurance of Wausau to coordinator of the property loss control services at the company's home office in Wausau.

PETER J. JUSHKA BS '63, MS '75 has been named administrator of Milwaukee Area Technical College - South Campus.

JERRY BS '64, MS '68 and **DIANE WENZLER BARTON** BS '64, MS '69 reside in Cassville. She is the home economics division chairperson at Southwest Tech in Fennimore and is currently serving as president of the Wisconsin Home Economics Association for a one-year term.

GERALD E. BAILEY '65 is working for Magnetic Peripherals, Inc., as a manufacturing engineer.

JEAN SPRECHER DREW BS '66, MS '71 is a home economics teacher at Wisconsin Dells High School.

DWIGHT DAVIS '66 director of North Central Technical Institute, has been appointed for a three-year term on the Governmental Affairs Commission of the American Association of Community and Junior Colleges and has also been named by Governor Lee Dreyfus to serve on the Wisconsin Advisory Council for Vocational Education.

STEVEN '66 and **JOANNE HILLMAN FETZER** '67 reside in Cincinnati, Ohio with their three children. He is a purchasing agent for Hamilton Industries and she is teaching part time at Oak Hills High School.

GAYLOR (GIZ) HERBST BS '66, MS '67 was appointed administrative assistant of Student Activities for the Seymour Community School District.

MARJO MATHEY GREEN MS '67 teaches microwave/gourmet classes at Waukesha County Technical Institute, Pewaukee.

1968 - 1974

JANET SLANOVICH BRANDT '68 is the town board supervisor in Hayward.

SUSAN DE ZIEL DEKEUSTER '68 is a social worker licensing day care homes in Ramsey County, St. Paul.

MARIAN TIMMERMAN '68 is a home economics coordinator for VTAE District I. She chairs the Board for Public Access Center (TV Studio for local public programming).

KEMP '69 and **ALICE BENNINGHOFF SHOBE** '69 reside with their three daughters in Libertyville, Ill. He has been promoted to manager of corporate safety and health for Tenneco Automotive Co., Deerfield, Ill.

LLOYD BS '69, MS '72 and **JOAN LYON SWALVE** '69 reside in Wadena, Minn. with their two children. He is director of Leaf River Valley Co-op Center in Wadena.

JAMES CONACHEN '70 has been appointed to production service manager for the Western Publishing Co., Inc., Racine.

DORIS RHOADES GOSS '70 is a natural foods teacher for VTAE District I in Chippewa Falls.

TOBIAS JOHNSON BS '70, MS '75 has been appointed executive director of the Superior Vocations Center in Superior.

LINDA BALSON REINHOLZ BS '70, MS '77 a UW-Extension home economist for Winnebago County, has been promoted to associate professor.

ALPHONSE GAUDIOSO '71 was appointed director of the Vocational Rehabilitation Department at Helen Hayes Hospital, West Haverstraw, N.Y.

ROSALYN WAGNER BS '71, MS '74 a UW-Extension home economist for Pierce Co., has been promoted to the rank of associate professor.

WILLIAM J. '72 and CHRISTINE L. SCHULTZ GENETT '72 reside in Sheboygan Falls. He teaches industrial arts at Sheboygan Falls High School. She preserves bridal bouquets and wedding invitations.

THOMAS M. HOLDORF '73 has been named materials coordinator for the Water Treatment Division, Sta-Rite Industries, Inc., Deerfield.

CAROL BLACHOWIAK KRZEWINA '73 is currently employed as a home economics instructor in the Crivitz School System, Crivitz.

THOMAS P. SPEIDEL '73 is the pastor of King of Kings Evangelical Lutheran Church, Alexandria, La.

NANCI WALTER TOBIAS '73 is secretary-treasurer for the Executive Board of Directors of the Valley Lake Treatment Center, a residential treatment facility for male juvenile offenders located in Breckenridge, Minn.

RON L. WILKE '73 has been appointed insurance agent for the American Family Insurance Group in the Grafton area.

CHARLES L. WILLIHNGANZ '73 is an industrial arts instructor and tennis coach. Resides in Rochester, Minn.

TOM ZABORSKI '73 is a project engineer for Universal Foundry in Oshkosh.

BARBARA BRICE '74 is the new resident services coordinator for the Crandon Convalescent Center in Crandon.

TOM CYPHER '74 is a sales representative for the Miller-Morton Co. of Indianapolis, Ind.

CAL '74 and **SUSAN DESTICHE EICHINGER** '75 reside in Poway, Calif. He is the manager of Brunswick Azusa Bowl in Los Angeles, Calif.

STEVEN R. LE CLAIR '74 has been promoted to the rank of captain and is serving as a project manager at the Air Force Materials Laboratory at Wright-Patterson AFB, Ohio.

ROBERT NELSON '74 is director of food services at UW-Eau Claire for Saga Food Services, a California-based company.

HOPE NIEDLING MS '74 was presented the Theodora Youmans Citizenship Award at the 82nd Annual Convention of the Wisconsin Federation of Women's Clubs recently at Stevens Point.

The Stout Alumnus

The Stout Alumnus is an official publication of University of Wisconsin-Stout. It is published quarterly.

John K. Enger Editor
 Roberta Obermueller Ass't. to the Editor
 Carol Richard Class Notes

The Stout Alumnus is distributed to graduates, friends and faculty of the University. It is entered at the post office Menomonie, Wis., as third class matter.

Jack Wile Alumni Director

WILLIAM ROWE MS '74 was named student services coordinator for the Wisconsin Indianhead VTAE District and will maintain an office in Shell Lake.

RACHEL L. SOKOLOWSKI '74 teaches home economics at Stockbridge Public School in Stockbridge.

KAREN HOEKSTRA VOELZ '74 is a home economics instructor at Palmyra.

1975 - 1978

ROCKY G. NELSON '75 is a legal officer of Marine Composite Helicopter Squadron - 264 (HMM-264), based at the Marine Corps' New River Helicopter Air Station, Jacksonville, N.C.

KEN OBERMUELLER '75 was recently promoted to assistant vice president for First Federal Savings and Loan in Menomonie.

DOUGLAS SURGES '75 and his wife reside in Missouri City, Texas. He is working with Continental Developers, Inc. in Houston and has been promoted to vice president.

DIANNE D. GRAVESEN '76 is a UW-Extension home economist and 4-H agent for Pepin County.

RICHARD D. HAASE '76 is president-elect of the Utah Job Placement Division of the Utah Rehabilitation Association.

GLENN KROFT '76 has been promoted to the rank of major in the 32nd Infantry Brigade of the Wisconsin National Guard.

DEBRA JAYNE BUCHHOLTZ REDMANN '76 is currently the placement director, instructor and lecturer for Lowthian Fashion School in Minneapolis.

BLAKELY SANFORD '76 has been named business manager for Looking Glass Crisis Centre in Eugene, Ore.

MICHAEL SCHWIETERS BS '76, MS '79 is employed as a biofeedback clinician at the Minneapolis Clinic of Neurology and Psychiatry.

DIANE MARTIN '77 was appointed account executive at Martin/Williams Advertising, Inc., Minneapolis.

EMILY R. MILLER '77 has opened a day care in West Bend.

WILLIAM RAUSCHENDORFER '77 is currently employed for Vista International Packaging, a subsidiary of the G. Hormel Co. as a Midwest sales manager. Resides in South Minneapolis.

KENNETH '77 and **RUTH GERBER RUPP '76** reside in Kentucky. He is head industrial engineer at USM Corporation-Bailey Division in Hopkinsville, Ky. She is chief of food production and service for the U.S. Army Hospital at Ft. Campbell, Ky.

GARY D. '77 and **MARY CAROL FRIEND SETTER '77** reside in Ann Arbor, Mich. He is a technical specialist at Manufacturing Data Systems, Inc. in Ann Arbor. She is a bank teller.

ERIC MC DONALD BELL III '78 is employed by Sanger Harris, Dallas, Texas.

GARY JAMES BEUTHLING '78 accepted a position as an engineer with Rosco Manufacturing in Minneapolis.

GARY GRITZMACHER '78 is employed by American Hospital Supply Division, Brown Deer.

JANICE KREHER '78 completed one year of teaching home economics in grades 7-12 at Wauzeka Public Schools. She received the "Teacher of the Year" award for 1978-79.

Distinguished Alumni



Lausted



Durbahn

Celia Fritz Lausted (BS '55) and Walter E. Durbahn (Dip. '15) were presented the University's Alumni Distinguished Service Award during Summer Commencement ceremonies.

Durbahn, who resides in Highwood, Ill., is an accomplished architect with a professional background that has ranged from education to national television.

Lausted, who resides in Colfax, is widely recognized for her work in promoting the role of women, wives and homemakers and their importance to family.

PETER LEIBY '78 has been named convention service coordinator for Holiday Inn Mart Plaza, Chicago.

TIMOTHY J. RECTOR '78 is a catering manager at Stouffer's National Center Hotel in Washington, D.C.

TOM ROUNDTREE MS '78 is a vocational evaluator at Stout's Vocational Rehabilitation Institute, Vocational Development Center.

1979

RANDY ANAAS will be employed at Midway Motor Lodge in Milwaukee.

DAVID BARTEL is the new junior high EMR teacher at Prescott School District.

SHERREE BEER is a research technician for Sanna Division in Menomonie.

DARWIN BETHKE is currently managing Meadowbrook Farms of Wisconsin in Madison.

BILL BURMESCH MS has accepted a position with IBM Corp. in Rochester, Minn., as an industrial engineer.

PATTI M. DONAHUE is a dietician at the Presbyterian Hospital in Dallas, Texas.

JANICE FEATHERSTONE has been hired by UW-Extension to coordinate and teach a new youth project in Whitewater.

RANDALL GILBERTSON has accepted a marketing position with International Harvester.

DANIEL J. GUNTHER is employed at the research department of the Human Nutrition Laboratory in Grand Forks, N.D.

JEFFREY KING has been hired by the Prairie Farm school board.

JULIE MARIE KROMANAKER is employed by Shopko Stores, Inc. in its management training program.

MARK KRUEGER has accepted a management associate position with American Can in Neenah.

KENNETH KVAMMEN has joined the industrial engineering department at Oscar Mayer and Co.'s Madison plant as an industrial engineer.

ROCHELLE PRONSCHINSKE has accepted a position in management with Shopko Stores, Inc., in the Appleton-Green Bay area.

MARK JOHN SIEDSCHLAG will be employed by National Cash Register of Milwaukee in the hotel restaurant data processing division.

ANGELA SIEWERT is newly employed by Seiferts of Green Bay.

JILL WERNER STANTON MS has accepted a position on Stout's academic staff for the 1979-80 school term.

DEBORAH STREULI will teach home economics at Luck High School.

LINDA L. ZORN has been accepted for a dietetic internship at the Hines Veterans Administration Hospital in Illinois.

Marriages

1968 - 1977

Peggy Jean Coffey to **RICHARD JORGENSEN '68**, May 19, Okauchee.

Mary L. Detert to **BILL A. JAHNKE '71**, April 7, Menasha.

Gretchen Wiegman to **PAUL BUBNIK '72**, June 23, Sturgeon Bay.

Renee Ann Smogoleski to **JOHN URBAN GERMAIN '73**, May 12, Two Rivers.

Lisa Jeanne Steiner to **JEFFREY ALAN DRESEN '75**, May 26, Oshkosh.

Jennifer Anne Christensen to **SAMUEL FULTON LA RUE, JR., '76**, Feb. 17, Chippewa Falls.

Carol Steen to **WILLIAM IDZIOREK '76**, recently, Superior.

CHRISTINE LEITZ '76 to Larry Welsh, Oct. 14, 1978, Rice Lake. She is employed as supervisor in the dietary department at the Wausau Hospital Center.

Debra Majewski to **PATRICK T. KELLEY '76**, June 16, Armstrong Creek.

DEBI MILLER '76 to Edward Normandeau, June 2, Merrill.

Barbara Sanders to **KEVIN JAMES '76**, May 5, West Allis.

Elizabeth A. Jensen to **MARK WILLIAM FORSTER '77**, May 5, Menomonie.

Marilyn Moyer to **DAVID T. JOHNSON '77**, April 28, Harvard, Ill.

Kathleen Matey to **MICHAEL PETERSON '77**, June 9, Minneapolis.

Julie Marie Cole to **JEFFREY ALAN REITSMA '77**, June 16, Kenosha.

1978 - 1979

HEIDI ANN HOFMANN '78 to Steven Hoover, July 14, Minnetonka, Minn.

MARY MARGARET JENSEN '78 to Randolph Lee Marten, April 21, Stephen, Minn.

KANDEE KLINNER '78 to Gene Rosburg, June 9, Aniwa.

PATRICIA ANNE LEEK '78 to **ROBERT LEONARD PRAHL** '77, June 16, Delavan.

JANET MAE MELTON '78 to **BRIAN REICHERT BS** '77, MS '78, April 28, Hudson.

Penny Ann Ruppert to **DENNIS LEE POHLE** '78, June 9, Abbotsford.

WENDA G. SCHWOCH '78 to Larry R. Schlais, May 26, Dorchester.

VIVIAN E. WEISHAUP '78 to **MARK DOMANOSKI** '78, April 21, Hayward.

SARA RAE FULWILER '79 to Ron Lewis Stanton, May 18, Algoma.

RUTH ANN MURPHY '79 to James Grundman, June 23, Menomonie.

ALICE CATHERINE SPOHN '79 to Michael Hodges, June 16, Camp Douglas.

JANET VENER '79 to Robert J. Tranberg, June 23, Augusta.

LINDA KAY WEST '79 to **PAUL W. RUSCHER** '79, June 9, McFarland.

Births

1968 - 1971

A second daughter, Heidi Jo, April 17, to Gary and **ANNA GOGGINS JUND** '68, Hales Corners.

A son, Nikolaus William, March 27, to **WILLIAM J.** '69 and **MIDGE RAESS RATZBURG** '69, Green Bay.

A third child, Benjamin David, May 30, to Mary and **DAVID COOLEY, MS** '70. He is the district media director for the Black River Falls schools.

A third son, David Lee, April 10, to Larry and **RUTH KOEHL HARTLER** '70, Rochester, Mich.

A daughter, Shana Rebekah, March 18, to James and **DONNA LITTLE GREEN** '71, San Francisco, Calif.

A son, Jason Arthur Adam, Nov. 7, 1978 to **RICK R.** '71 and **DEBORAH SCHULTZ NOWAK** '71, Barrington, Ill.

1972 - 1977

A son, Nathan James, to Mr. and Mrs. **JAMES A. MAAS MS** '72, Sparta.

A son, Anthony Steven, Nov. 14, 1978 to **STEVEN** '72 and **LEE ANN HECKER BORNHOFT** '73, Heron Lake, Minn.

A first child, Brian Christopher, May 11, to **PAUL** '73 and **SUSAN DOWNING ZAHASKY** '74, Rochester, Minn. He is currently working at the Mayo Clinic in Rochester as supervisor of the electronic section. She is currently working at the Rochester State Hospital as the liaison counselor to the hospital school located on its campus.

A second son, Timothy Paul, January, 1979 to Eddie and **SHARON NEHRBASS KLECKER** '75, Jefferson.

A daughter, Megan Patrice, Nov. 15, 1978, to Patrick and **BONNIE SCHOOL COSTELLO** '77 in Winfield, Ill.

Deaths

PAUL BAILEY, SR., Dip. '09, 91, May 11, Menomonie.

NANCY BARR JOHNSON Dip. '13, 88, April 14, Garden City, N.Y.

F. EARL SWOYER '33, 70, Feb. 7, Hazleton, Pa.

W. L. ENGE BS '43, MS '53, recently, Black River Falls.

RICHARD VOLP '47, May 3, Bublin, Calif.

EDWARD J. TOMSICH '71, July 11, 1978, Chisholm, Minn.

DALE KRIVOSHEIN '73, 33, May 12, Wausau.

Campus Notes

Promotions in rank for 17 faculty members have been approved.

Promoted from associate professor to professor are: Charles Barnard, marriage and family counseling; Virginia Peter, education and psychology; Arnold Sax, materials development center, vocational rehabilitation; Roger Schaefer, industrial teacher education; Willis Valett, energy and transportation; Douglas Wikum, biology; Anita Wilson, food and nutrition; and Karen Zimmerman, human development, family living and community educational services.

Promoted from assistant professor to associate professor are: Beatrice Bigony, social science - anthropology; David McCordick, English; Carol Siewert, apparel, textiles and design; Stephen Snyder, social science-political science; and J. Patrick Wagner, Office of Continuing Education.

Promoted from instructor to assistant professor are: Robert Evans, social science-history; Maxim Herbach, instructor of English/producer-host, Teleproduction Center; Thomas Modahl, vocational rehabilitation; and Janet Polansky, English.

Stout will offer a tour of the Soviet Union March 6 through 20 as part of a Soviet Seminar at the University.

Participants who are not students will be required to audit the

seminar and those who are enrolled at Stout must also be enrolled in the seminar.

Cost of the seminar for non-students will be approximately \$1,100; Stout students will pay approximately \$950. A \$100 deposit is required at time of application, with the balance due no later than Dec. 20.

The tour will leave Menomonie by charter bus to Chicago for a charter flight to Helsinki and then Leningrad. Tentative itinerary in the Soviet Union includes Leningrad, Moscow and Kiev. Included in the tour will be Soviet schools, plants, museums, cultural activities and contact with Soviet people. Additional information can be obtained by contacting David Liu, Room 308, Harvey Hall. Phone 232-2462 or 232-2287.

Stout was recently congratulated by the Department of Health, Education and Welfare for its low default rate on the National Direct Student Loan Program. Stout's default rate is about six percent, considerably lower than the national average.

"I am very pleased to note that the default rate for students in your institution is not only substantially less than the national average of 17.36 percent, but also falls below the 10 percent rate which the Office of Education has set as a target for all participating institutions," deputy commissioner, Leo L. Kornfeld said in a letter to the university. Kornfeld added that HEW secretary Joseph A. Califano, had indicated that future funding under the loan program will be based on institutional performance. "Your institution's performance reflects your best commitment and that of your financial aid administrator and chief business officer to achieve a low default rate," Kornfeld said in his letter. "Institutions such as yours has demonstrated that the NDSL program can be administered successfully."

A \$32.6 million operating budget for Stout has been approved by the UW System Board of Regents.

Less than half of the total will come from state tax revenues, with the remaining coming from

grants, fees and self-supporting activities.

Salaries and fringe benefits for Stout's 829 faculty, academic staff and classified employees will total \$20.3 million. This is an estimated figure, since union-represented classified employees have not yet completed negotiations on a two-year contract. Other categories include \$7.9 million for supplies and services, \$2.6 million for student financial aid, and \$1.7 million for equipment.

Federal grants, gifts and contracts will total \$4.6 million and \$7.5 million will be for auxiliary enterprises and services, such as food service, student activities, residence halls, the student center and other self-supporting activities.

The budget covers the 1979-80 fiscal year, which began July 1 and ends June 30, 1980.

Charles Yost, director of the manufacturing laboratory, has been named a 1979 Bush Leadership Fellow. Yost is the only person from Wisconsin to receive the prestigious award this year.

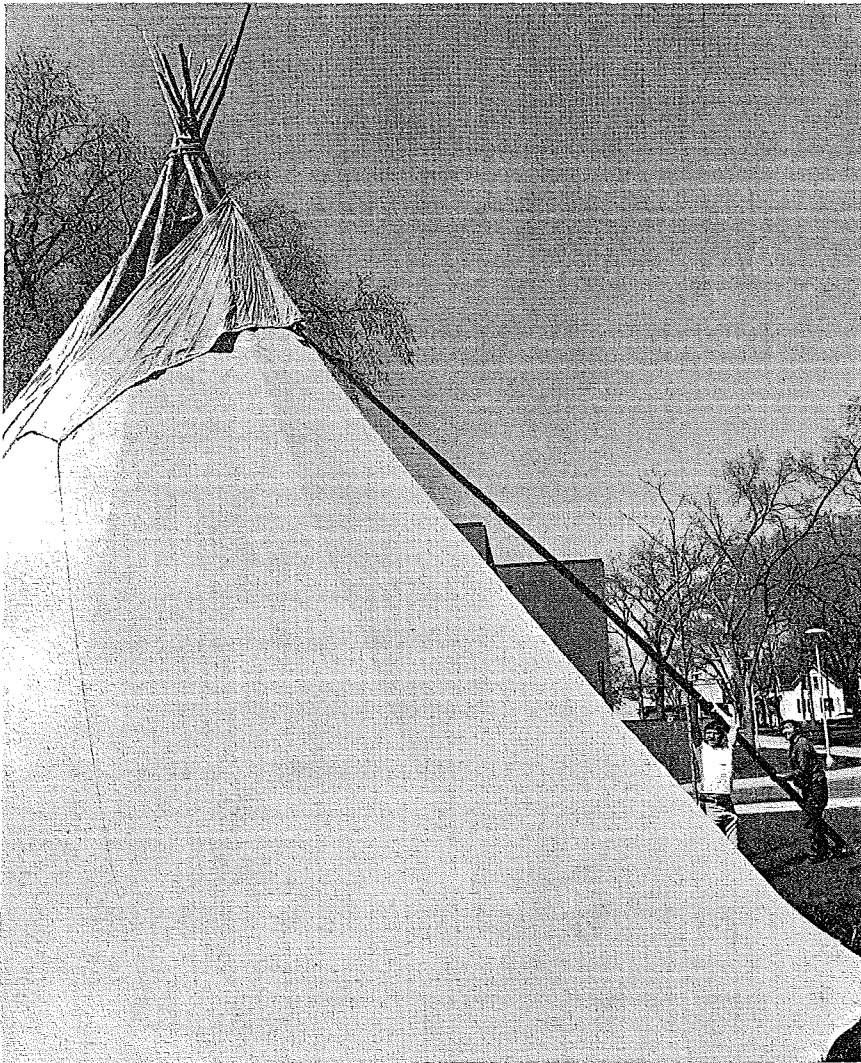
He is among 23 persons named to receive the honor. The annual competition is sponsored by the Bush Foundation of St. Paul to honor individuals in mid-career who have achieved leadership and show promise of assuming additional ability. Yost, 39, plans to use the Fellowship to do doctoral work in industrial management at Purdue University.

Handicapped

continued from page 5

interesting thing about that is that people really get into their roles, and even though they may believe something opposite, all of a sudden they're reading the role and they start feeling the peer pressures. She said each class forms a "trust group." The group agrees on a "contract" or set of rules of conduct which must be maintained during the course. "All a trust group means is that you're going to come in and you're going to role play or you're going to reveal a part of yourself when you deal with sex related material," Miss Schmitt said. "You want to know that you aren't going to reveal something about yourself that you'll hear back outside of the class." While confidentiality is usually part of the rules for any "trust group," other requirements set by the class could include whether or not all members of the group are required to speak, whether attendance at group meetings is mandatory and whether persons uncomfortable with the group discussion may get up and leave. "The members set the rules, therefore, you never have to say the rules twice," Miss Schmitt said. "The things that we're dealing with now are emotionally laden, they're very personal."

Miss Schmitt noted that the course reflects Stout's own approach to vocational rehabilitation. "That's what makes it (Stout's vocational rehabilitation major) unique is that it's getting into community skills, survival skills within the community; not pure counseling and evaluation," she said. She pointed out that the course also established credibility for the subject within the field of rehabilitation. "Dealing with sexuality is as much a part of rehabilitation as dealing with job interviews," she said. "It's becoming more and more accepted. I think it was avoided for a couple of reasons. One, is nobody thought about it; and two, everybody was really kind of afraid to touch it."



Johnny Whitecloud (left) and an unidentified companion erect a giant 26 by 28-foot canvas tepee near the Home Economics building. Whitecloud constructed the tepee to satisfy a class requirement for a course in outdoor apparel and equipment offered at Stout. He is a Native American originally from Oklahoma.



Adults and youngsters alike benefited from a recent puppet construction workshop offered by Stout's Office of Continuing Education. The workshop is

among dozens of non-credit offerings being made available to off-campus clientele as part of the University's outreach program.

Stout ALUMNUS

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